

AMENDMENTS TO THE SPECIFICATION

At page 5, after the second full paragraph at line 17, add the following paragraph:

Figure 2 is divided in figure 2A and figure 2B and shows an operating and observation surface of a PC monitor used for controlling a compressor station. In figure 2A, the controlled variables throughflow, final pressure, suction pressure, and final temperature are linked with one another and controlled by the station automation (not shown), whereby the minimum throughflow quantity is considered as one parameter. Figure 2A also shows the functions of the station controller.

At page 5, before the last full paragraph at line 21, add the following paragraph:

An example of a characteristic map is shown in figure 1. The isentropic displacement height is plotted versus the operational volume in a rectangular array. The characteristic map of the compressor assembly displays the relationship of the volume with the displacement height, *i.e.*, with the pressure. The respective operating point is located inside the characteristic map.

At page 6, before the last full paragraph at line 19, add the following paragraph:

In figure 2B the optimization computer and the individual rotational-speed controllers are shown with the values that can be set. The particular values in the figures 2A and 2B as well as the characteristic map are in principle well-known to one of ordinary skill in the field of control of turbo machines.